



4Net Networking Corp.
Computer Network Products

4Net Networking Corporation
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ARC wireless solutions
“Patented Antenna Solutions”
www.4netonline.com

Standalone Panel Antenna 4.94-4.99GHz 19dBi & 5.15-5.875GHz 23dBi



- ◆ Broadband design covers entire 5GHz frequency band, plus also operates in the 4.9GHz public safety band
- ◆ High performance, cost effective patented circuit design
- ◆ US Engineered
- ◆ Manufactured under strict US quality control procedures
- ◆ Low profile, rugged design for outdoor use with UV stabilized plastic
- ◆ Articulating wall/pole bracket (BRA-A-1699-02) included
- ◆ Custom designs available

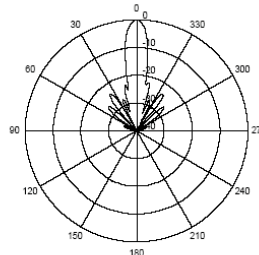
Mechanical and Environmental Specifications	
Length x Width x Depth	13.3in x 13.3in x 1.7in (33.8cm x 33.8cm x 4.3cm)
Weight	1.70lb (0.8kg)
Backplane	Aluminum
Radome	UV stabilized ABS plastic
Wind Survivability	125mph (201kph)
Wind Load	1.23ft ² (0.12m ²)
Operating Temperature Range	-49°F to +149°F (-45°C to +65°C)
Pole Mount Diameter Range	0.75in to 2.0in (1.9cm to 5.1cm)

Electrical Specifications	
Frequency Range	4.94-4.99GHz/5.15-5.875GHz
Gain	19dBi/23dBi
3dB Beamwidth Vertical/Horizontal	10deg/10deg
Polarization	Single linear, horizontal or vertical
VSWR	≤1.5:1 typ., ≤1.7:1 max.
Front-to-Back Ratio	>40 dB
Cross Polarization	>30 dB
Power Rating	30 watts
Impedance	50 ohms
Lightning Protection	DC ground
Connector Type	Integral type N jack

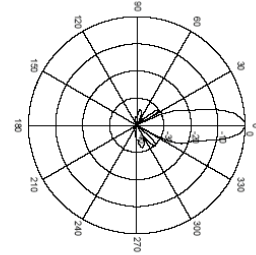
Ordering Information	
Part #	Description
ARC-PA5823B01	4.94/5.875GHz 19/23dBi Standalone Panel, Type N Jack

Shipping Information	
Sizes and Weights	Description
25in x 16in x 15in (63.5cm x 40.6cm x 38.1cm)	Packaging includes 10 units in a single over pack box.
23lb (10.4kg)	Brackets shipped separately.

RF Patterns
Vertical Cut, typ.



RF Patterns
Horizontal Cut, typ.



Specifications subject to change without notice

Rev. 010609

Don't see what you need? Contact us to discuss alternate configurations